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(54) Title: PROCESS FOR PREPARING THERMOPLASTIC TRANSPARENT RESIN

(57) Abstract: The present invention relates to a process for preparing thermoplastic transparent resin, and provides a process for preparing thermoplastic transparent resin comprising the steps of: Y) preparing graft transparent resin by grafting a monomer mixture comprising 20 to 50 parts by weight of conjugated diene rubber latex, 10 to 50 parts by weight of methacrylic acid alkylester compound or acrylic acid alkylester compound, 5 to 25 parts by weight of aromatic vinyl compound, and 1 to 10 parts by weight of vinylicyan compound through emulsion polymerization; Ye) preparing methylmethacrylate-styrene-acrylonitrile (hereinafter referred to as "MSAN") copolymer by copolymerizing 50 to 75 parts by weight of methacrylic acid alkylester compound or alkylester compound, 20 to 45 parts by weight of aromatic vinyl compound, and 1 to 10 parts by weight of vinylicyan compound during bulk polymerization; and Y) blending the graft transparent resin of step Y) with the MSAN copolymer of step Ye). The thermoplastic transparent resin prepared by the present invention is good in terms of impact resistance, chemical resistance, processability, etc., has superior moisture and heat resistance, natural color, etc., and extremely superior transparency.

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